AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listing, of claims in the application:

LISTING OF CLAIMS:

Claims 1 to 10. (Canceled)

11. (Previously Presented) A method for reducing bandwidth when transmitting data between a sending terminal and a receiving terminal over a voice connection path using a digital data network, the method comprising:

converting, within the digital data network, a coding of user information of the transmitted data between a data transmission in the voice connection path and a data transmission in the digital data network so as to transmit the user information via the coded voice connection path on at least one first section of the digital data network and transmit the user information by a method suitable for the digital data network on at least one second section of the digital data network.

12. (Previously Presented) The method as recited in claim 11 wherein the sending and the receiving terminals use a similar modulation method for transmitting the data over the voice connection path.

13. (Previously Presented) The method as recited in claim 11 wherein no special functional matching of the sending and receiving terminals is required for the converting.

14. (Previously Presented) The method as recited in claim 11 wherein no special adaptation of the sending and receiving terminals to transmission characteristics of the digital data network is required for the transmission of the user information.

15. (Previously Presented) The method as recited in claim 11 wherein the transmitting the user information via the coded voice connection path on at least one first section of the digital data network is performed automatically by a context-related call-number translation during a connection setup so as not to be perceived by the sending and receiving terminals.

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16. (Previously Presented) The method as recited in claim 15 wherein the transmitting the user information via the coded voice connection path on at least one first section of the digital data network is performed such that end-to-end signaling of the sending and receiving terminals for a sending/receiving terminal control of the data transmission is terminated at a transition into the digital data network and is newly generated so as to integrate a control of the data transmission by the digital data network into the end-to-end signaling.

17. (Previously Presented) The method as recited in claim 11 wherein the sending and receiving terminals use different respective data transmission processes and further comprising temporarily storing and converting the transmitted data and signaling information so as to match the respective data transmission processes of the sending and receiving terminals such that differences in the respective data transmission processes are not perceived by the sending and receiving terminals.

18. (Previously Presented) The method as recited in claim 11 further comprising splitting the user information into data packets for the transmitting over the digital data network, a transmission rate of the data packets being flexibly adapted at a network transition to a bit rate transmitted by the sending terminal.

19. (Previously Presented) The method as recited in claim 11 wherein at least one of the sending and receiving terminals is connected directly or via a digital transmission link to the digital data network so as to avoid a need to first code the data using either of the sending and receiving terminal for the data transmitting over the voice connection path and then a need to decode the coded data.

20. (Previously Presented) The method as recited in claim 11 wherein the digital data network includes an interconnection of a plurality of individual data networks.

21. (Previously Presented) The method as recited in claim 11 wherein the user information to be transmitted conforms to features of FAX class 3.

22. (Previously Presented) The method as recited in claim 11 further comprising, before the

transmitting over the digital data network, protecting the data by cryptographic processes against passive monitoring, alteration and/or simulation of incorrect call data and/or contents.